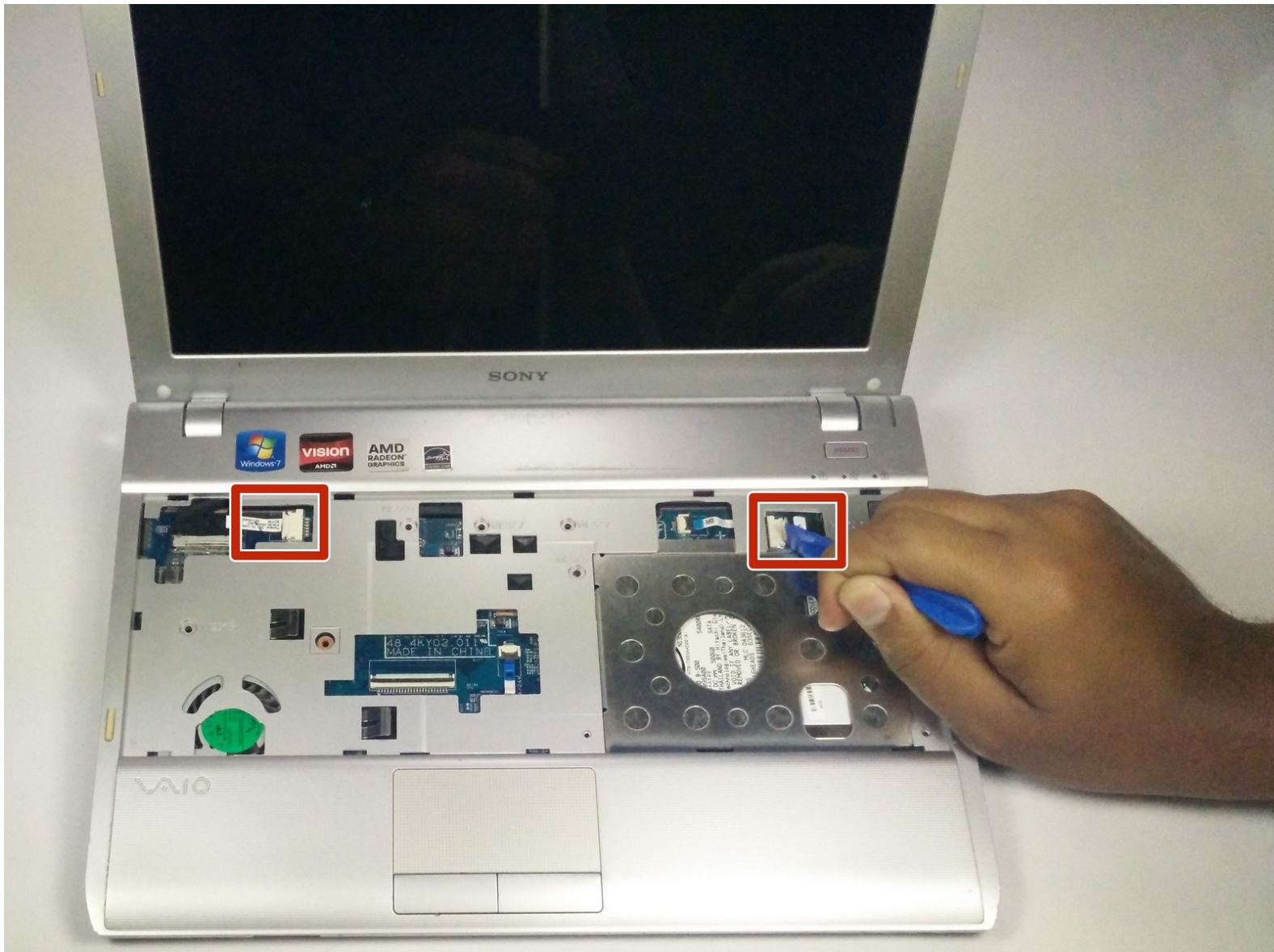




Sony Vaio PCG-31311L Motherboard Replacement

This guide will show how to access and remove the motherboard from the device.

Written By: Tyler

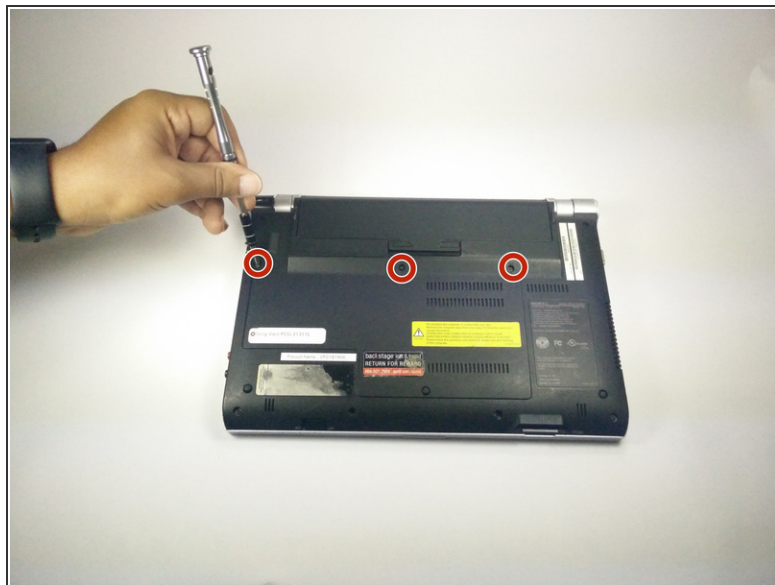




TOOLS:

- [iFixit Opening Tools](#) (1)
-

Step 1 — Keyboard



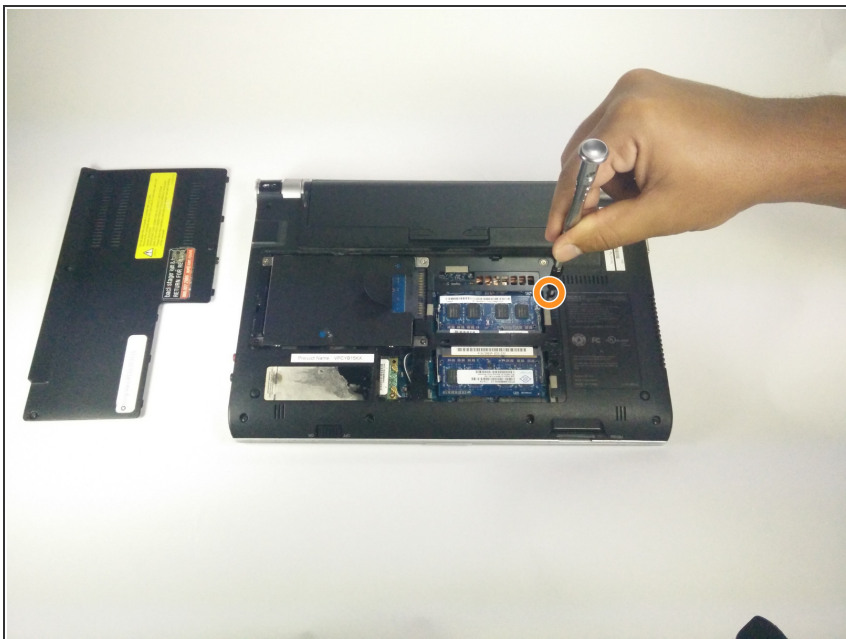
- Start with device closed, powered off, and upside down.
- Locate 3 screws on the bottom plate and unscrew
- ⓘ These screws do not detach from the bottom plate.

Step 2



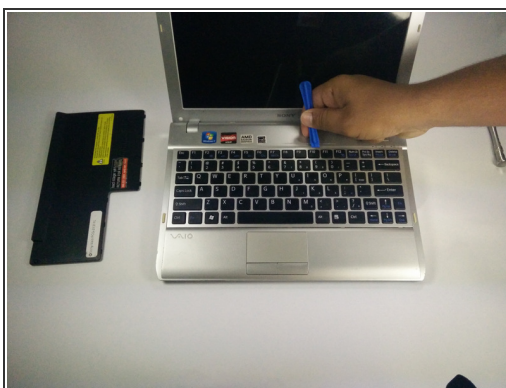
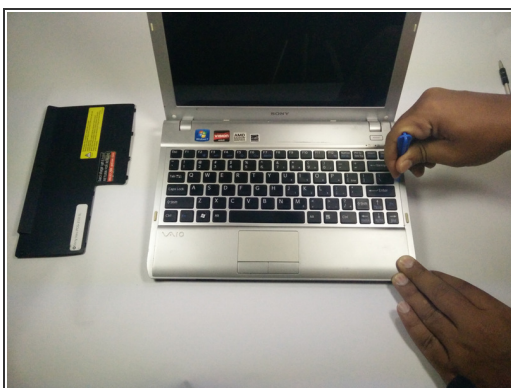
- Use a plastic opening tool to pry up on the plate and remove from device.

Step 3



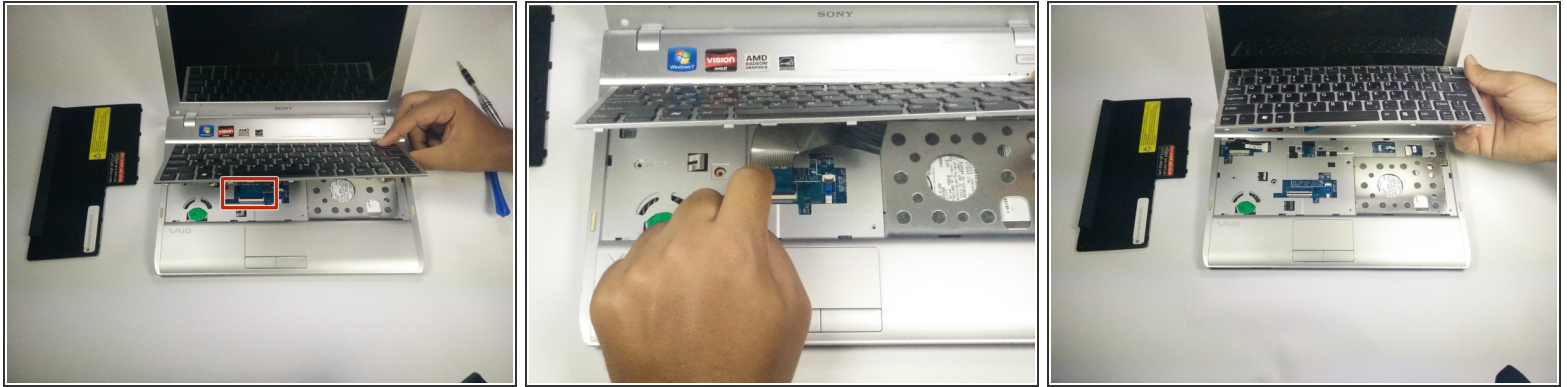
- Locate screw labeled "KB" and remove.

Step 4



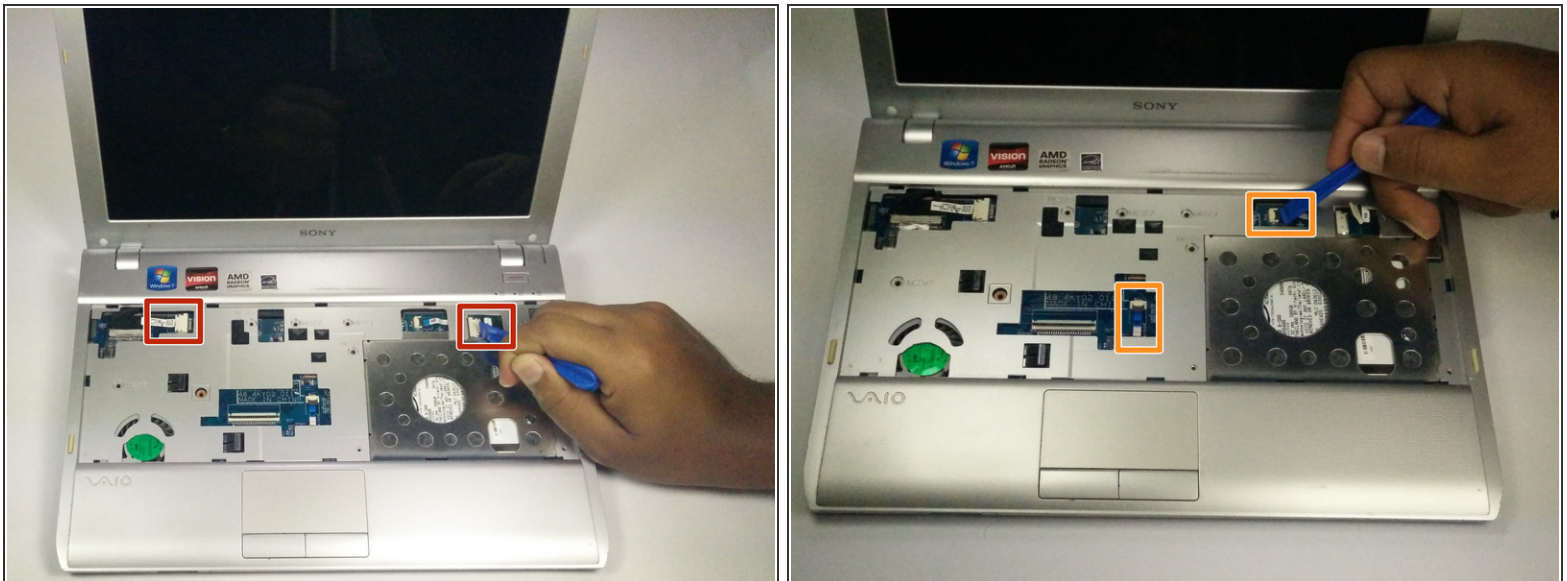
- Use a plastic opening tool to pry around the edge of the keyboard.

Step 5



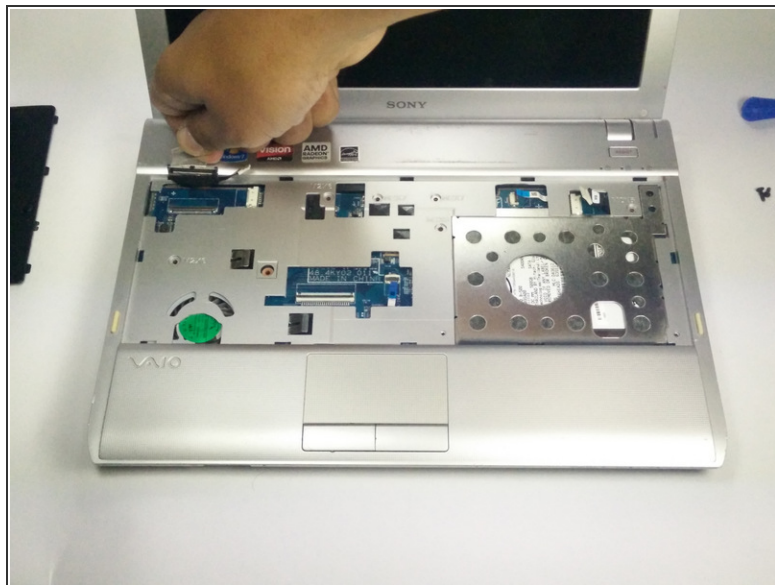
- Once detached, tilt the keyboard forward, exposing a blue ribbon cable.
- Place finger on black tab and pull back. Then, give a gentle tug on the ribbon cable and it will detach.
- Once the ribbon cable has been detached, lift the keyboard away from the device.

Step 6 — Motherboard



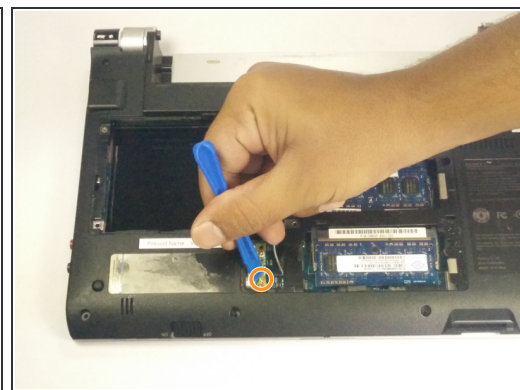
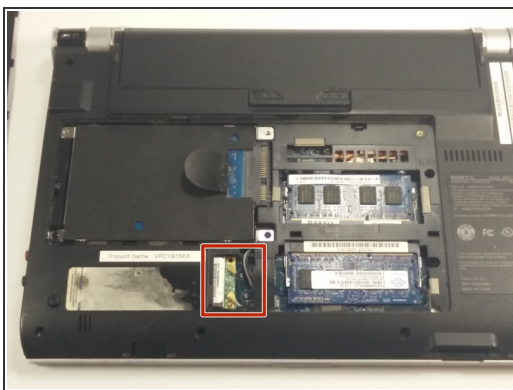
- Use the plastic opening tool to pull back the ribbon cables attached to the motherboard
- Use the plastic opening tool to pop up the black tabs and pull the remaining ribbon cables.

Step 7



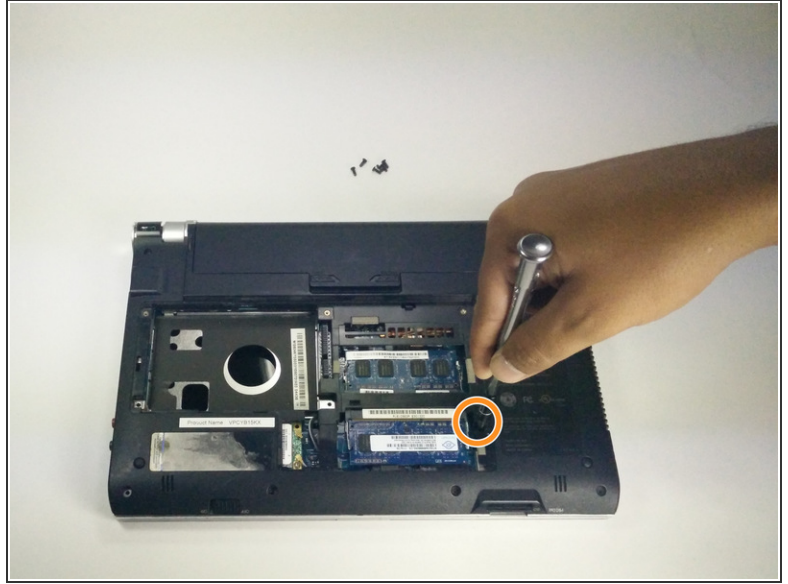
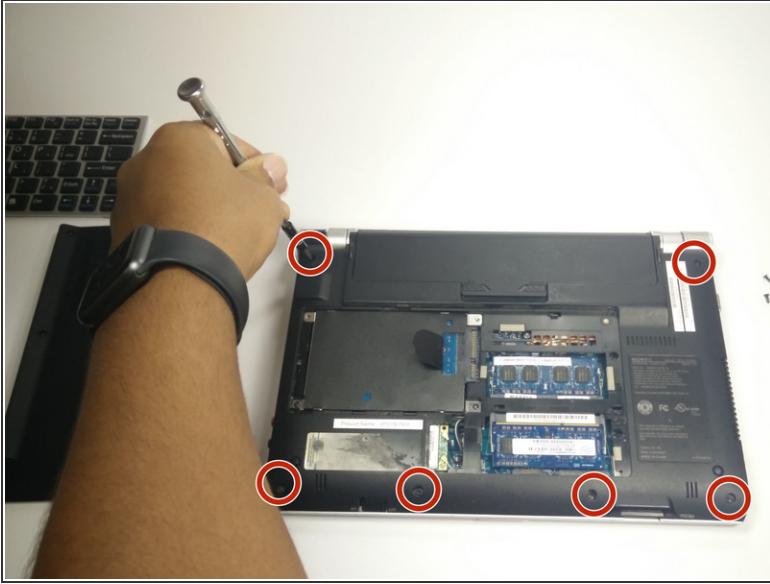
- Locate the LCD ribbon cable
- Pull up and away from device to detach the LCD ribbon cable.

Step 8



- Close and flip over laptop.
- Locate the WiFi network card.
- Use the plastic opening tool to pry up the two connectors.

Step 9



- Locate the 6 screws on the bottom and remove.
- Remove the final screw in the center to release the motherboard from the case.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-21 09:57:24 AM.